

CLAIMS

1. A packet communication system comprising a user communication apparatus, an operator communication apparatus that performs communications with the user
5 communication apparatus and a communication network that performs communications with both the user communication apparatus and the operator communication apparatus in which the user communication apparatus comprises an internal network, a base station apparatus connected to
10 the internal network, an internal server connected to the internal network, a radio network control apparatus connected between the internal network and the operator communication apparatus, and a mobile communication terminal apparatus that performs communications with the
15 base station apparatus by radio signal,

wherein the radio network control apparatus receives a packet from the mobile communication terminal apparatus via the base station apparatus and the internal network and directly transfers the packet to the internal server
20 via the internal network.

2. A radio network control apparatus in a packet communication system comprising a user communication apparatus, an operator communication apparatus that performs communications with the user communication
25 apparatus, and a communication network that performs communications with both the user communication apparatus and the operator communication apparatus in which the

user communication apparatus comprises an internal network, a base station apparatus connected to the internal network, an internal server connected to the internal network, the radio network control apparatus
5 connected between the internal network and the operator communication apparatus, and a mobile communication terminal apparatus that performs communications with the base station apparatus by radio signal,

wherein the radio network control apparatus receives
10 a packet from the mobile communication terminal apparatus via the base station apparatus and the internal network, and directly transfers the packet to the internal server via the internal network.

3. The radio network control apparatus according to
15 claim 2, comprising: an internal address table that stores addresses of packets to directly transfer to the internal server; a determiner that compares an address of the packet from the mobile communication terminal apparatus with the addresses stored in the internal address table to
20 determine whether or not the packet from the mobile communication terminal apparatus is to directly transfer to the internal server; and a section that directly transfers the packet to the internal server via the internal network when the determiner determines that the
25 packet is to directly transfer to the internal server.

4. A packet communication method in a packet communication system provided with a user communication

apparatus, an operator communication apparatus that performs communications with the user communication apparatus, and a communication network that performs communications with both the user communication apparatus and the operator communication apparatus in which the user communication apparatus comprises an internal network, a base station apparatus connected to the internal network, an internal server connected to the internal network, a radio network control apparatus connected between the internal network and the operator communication apparatus, and a mobile communication terminal apparatus that performs communications with the base station apparatus by radio signal, the method comprising a step of the radio network control apparatus receiving a packet from the mobile communication terminal apparatus via the base station apparatus and the internal network, and directly transferring the packet to the internal server via the internal network.

5. A packet communication program to make a computer execute packet communications in a packet communication system provided with a user communication apparatus, an operator communication apparatus that performs communications with the user communication apparatus, and a communication network that performs communications with both the user communication apparatus and the operator communication apparatus in which the user communication apparatus comprises an internal network,

a base station apparatus connected to the internal network,
an internal server connected to the internal network,
a radio network control apparatus connected between the
internal network and the operator communication apparatus,
5 and a mobile communication terminal apparatus that
performs communications with the base station apparatus
by radio signal,

the program making the computer execute a step of
the radio network control apparatus receiving a packet
10 from the mobile communication terminal apparatus via the
base station apparatus and the internal network, and
directly transferring the packet to the internal server
via the internal network.